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In the United States Patent and Trademark Office

Applicants: L. Turkevich et al. Docket 12,161.2
Serial No.: 09/267,973 Group: 1774
Filed: March 12, 1999 Examiner: Gray, J.
For: FERROELECTRIC FIBERS AND
APPLICATIONS THEREFOR

Response to Office Action

ASSISTANT COMMISSIONER FOR PATENTS Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. § 1.111 and in response to the Office Action mailed May 29, 2001 it is respectfully requested that the Examiner reconsider the present application in view of the following amendments and remarks.

Amendments

In the Specification

Please amend the specification as follows:

Please replace the paragraph on page 19, beginning with the words "Dispersions were prepared using ..." with the following:

Dispersions were prepared using two grades of barium titanate (BaTiO₃) supplied by Tam Ceramics, Inc. (Niagara Falls, New York) under the product names TICON® 5016 and TICON® HPB. Each dispersion was prepared by ball milling the barium titanate with 2-propanol and a stabilizing surfactant. The surfactant was an ethoxylated tallow amine (RHODAMEEN® PN-430, Rhone-Poulenc, Cranberry, New Jersey). In a typical batch, approximately 1 kg of barium titanate was vigorously stirred with 2.6 L of 2-propanol and 4-5 mL of the surfactant. The resulting slurry was poured into a 6.2-L Roalox ceramic mill jar (U. S. Stoneware, East Palestine, Ohio) which had been charged with 12 lbs (about 5.4 kg) of BORUNDUM® (87 percent alumina) grinding media (U. S. Stoneware). The jar was rolled at 70 rpm for a period of 48 hours on a U. S. Stoneware Unitized Jar Mill, Model 764AVM.

Please replace the paragraph on page 20, beginning with the words "The two wax dispersions ..." with the following: